ABSTRACT

The invention provides an organo-electronic functional material comprising a tris(arylamino)benzene represented by the general formula (I)

5

10

15

20

wherein A and B are each a group represented by the general formula (II)

$$(II)$$

in which R is an alkyl group of 1-6 carbons or a cycloalkyl group of 5 or 6 carbon atoms and n is 0, 1, 2 or 3, and A and B may be the same or different from each other, and exhibiting a cyclic voltamogram in which a deviation of peak current of cyclic curves as measured 50 times at a sweep rate of 20 mV/s falls within $\pm 10\%$ of the average of peak current.

The organo-electronic functional material has an opto-electronic exchanging function, a reversible oxidation reduction property and a high glass transition temperature, and can form amorphous film in itself. In addition, it is stable and exhibits only slight variation of peak current in repeated oxidation reduction process so that it is suitable for use as, for example, a hole transporting material among others in various electronic devices including an organic electroluminescence element.